| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/981,784      | LANGE ET AL. |
| Examiner        | Art Unit     |

| , | Rejected | ı | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

Owen J Frazier

| A | Appeal   |
|---|----------|
| 0 | Objected |

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| Cla      | Claim Date |  |   |       | Claim Date |          |  |    | Cla      | Claim Date |               |        |          |              |                 |            |        |
|----------|------------|--|---|-------|------------|----------|--|----|----------|------------|---------------|--------|----------|--------------|-----------------|------------|--------|
| Final    | Original   | 10/13/04   |   |       | Final      | Original |  |    | Final    | Original   |               |        |          |              |                 |            |        |
| -        | 1          | 1  | <del>                                     </del>  |       |            | 51       |  |    |          | 101        | $\top$        | +      | $\vdash$ |              |                 | +          | +      |
|          | 2          | V  |   | 100   |            | 52       |  |    |          | 102        |               | T      | П        |              | Πİ              | $\top$     | +      |
|          | 3          | <b>√</b>   |   | 1000  |            | 53       |  |    |          | 103        |               | 1      |          |              |                 |            | $\top$ |
|          | 4          | V  |   | 1000  |            | 54       |  |    |          | 104        |               |        |          |              |                 |            |        |
|          | 5          | 1  |   |       |            | 55       |  |    |          | 105        |               |        |          |              |                 |            |        |
|          | 6          | 1  |   |       |            | 56       |  |    |          | 106        |               |        |          |              |                 | $\perp$    |        |
|          | 7          | <b>V</b>   |   |       |            | 57       |  |    |          | 107        |               | L      |          |              | $\sqcup$        | $\bot$     |        |
|          | 8          | V  |   | 31400 |            | 58       |  |    |          | 108        |               | 1      |          |              | Ш               | $\dashv$   |        |
|          | 9          | <b>V</b>   |   |       |            | 59       |  |    |          | 109        | _             | 1      |          | Щ            | $\vdash \vdash$ |            | +      |
| <u> </u> | 10         | 1  |   |       |            | 60       |  |    |          | 110        |               | ┿      |          | -            | $\vdash$        | +          | -      |
| <u> </u> | 11         | 1  |   |       |            | 61       |  |    |          | 111        |               | +      |          |              | $\vdash$        | +          | +      |
| ļ        | 12         |  |   |       |            | 62       |  |    |          | 112<br>113 | +             | +      | H        |              | $\vdash$        | $\dashv$   | -      |
| <b></b>  | 13         | 1  | <del>                                     </del>  |       |            | 63<br>64 | <del></del>  |    |          | 114        |               | ┿      | ⊢        |              | H               | +          | +      |
| -        | 14         | 1  | <del>                                      </del> |       |            | 65       | <del></del>  |    |          | 115        | +             | +      | $\vdash$ | Н            | $\vdash$        |            | +-     |
| <u> </u> | 16         | 1  |   | H     |            | 66       | <del></del>  |    |          | 116        |               | +-     | -        |              | $\vdash$        | +          | +      |
|          | 17         |  | <del>                                     </del>  | an na |            | 67       | <del></del>  |    |          | 117        | -             | +      |          |              | $\vdash$        |            | +      |
| -        | 18         | 1  | +   |       |            | 68       |  |    |          | 118        |               | ╁╴     | $\vdash$ |              | H               | -          | +      |
| <b></b>  | 19         | <del>                                     </del>   |   |       |            | 69       |  |    |          | 119        | -             | +      |          | -            | $\vdash$        |            |        |
| -        | 20         | <del>                                     </del>   |   |       |            | 70       |  |    |          | 120        |               | +      | _        |              | $\Box$          | $\dashv$   | $\top$ |
| <b></b>  | 21         |  |   |       | -          | 71       |  | W. | •        | 121        |               | -      |          |              | H               |            | +      |
|          | 22         | <del>                                     </del>   | <del>                                     </del>  |       |            | 72       |  |    |          | 122        | $\neg$        | T      |          |              |                 | $\neg$     | $\top$ |
|          | 23         |  |   |       |            | 73       |  |    |          | 123        | $\top$        | $\top$ | $\Box$   |              |                 |            |        |
|          | 24         |  |   | +     |            | 74       |  |    |          | 124        | $\neg \vdash$ | 1      |          |              |                 |            | 7      |
|          | 25         |  |   |       |            | 75       |  |    |          | 125        |               |        |          |              |                 |            |        |
|          | 26         |  |   |       |            | 76       |  |    |          | 126        |               |        |          |              |                 |            |        |
|          | 27         |  |   |       |            | 77       |  |    |          | 127        |               |        |          |              |                 |            |        |
|          | 28         |  |   |       |            | 78       |  |    |          | 128        |               |        |          |              |                 |            |        |
|          | 29         |  |   |       |            | 79       |  |    |          | 129        |               | 1      |          |              |                 |            |        |
|          | 30         |  |   |       |            | 80       |  |    |          | 130        |               | 1      | ļ        |              | $\Box$          | _          |        |
|          | 31         |  |   |       |            | 81       |  |    |          | 131        |               | 4      | ļ        |              |                 |            |        |
|          | 32         |  |   |       |            | 82       |  |    |          | 132        | _             | 4      | ļ.       |              |                 | _          | _      |
|          | 33         | <u> </u>   | <u> </u>  | 1000  |            | 83       |  |    |          | 133        |               | 4_     | -        |              |                 | +          | -      |
|          | 34         | <del>                                     </del>   |   |       |            | 84       | <del></del>  |    |          | 134        | _             | +      | ļ        | <u> </u>     | -               |            |        |
|          | 35         |  |   |       |            | 85       | <del></del>  |    |          | 135        |               | +-     | <b>├</b> | -            | $\vdash$        | $-\!\!\!+$ | -      |
|          | 36         | <del>                                     </del>   |   | +     |            | 86<br>87 | <del>-   -   -   -   -   -   -   -   -   -  </del> |    |          | 136<br>137 | -             | +      | H        | <del> </del> | $\vdash$        | +          | +      |
| <u> </u> | 37         |  | <del>                                     </del>  |       |            | 88       | <del></del>  |    | <u> </u> | 137        | +             | ┼      | -        |              | H               | +          | +      |
|          | 38         |  | <del>                                      </del> |       |            | 89       | <del>-+- - - - - - - </del>                        |    |          | 139        | +             | +      | $\vdash$ |              | $\vdash$        | +          | +      |
| -        | 39<br>40   | <del>                                     </del>   | +++++   |       |            | 90       | <del>· } · } · } · } · </del>                      |    |          | 140        | +             | +-     | +        | $\vdash$     | $\vdash$        | +          |        |
|          | 41         | <del>                                     </del>   | <del></del>                                       |       |            | 91       | <del></del>  |    |          | 141        | -+            | +-     | ┼        | $\vdash$     | $\vdash$        | +          | +      |
| -        | 42         | <del>  -   -   -   -   -   -   -   -   -   -</del> | <del>                                     </del>  |       |            | 92       | <del>                                      </del>  |    |          | 142        | _             | +      | +        |              | $\vdash$        |            | -+-    |
|          | 43         | +++  | <del>                                     </del>  |       |            | 93       |  |    |          | 143        |               | 1      | +-       | H            | H               | +          | +      |
| <u> </u> | 44         |  | <del>                                     </del>  |       |            | 94       |  |    | -        | 144        | +             | +      | +-       |              | H               | +          | +      |
|          | 45         | <del>                                     </del>   | + + + + +   |       |            | 95       |  |    |          | 145        | +             | +      | $\vdash$ | $\vdash$     | $\vdash \vdash$ | $\top$     | +      |
| <b></b>  | 46         |  | <del>                                     </del>  |       |            | 96       |  |    |          | 146        | _             | 1      |          |              | Н               | $\top$     | $\top$ |
|          | 47         |  | <del>                                     </del>  |       |            | 97       |  |    |          | 147        | _             | T      |          |              | Н               | +          | $\top$ |
|          | 48         |  | <del>                                     </del>  |       |            | 98       |  |    |          | 148        | _             | +      |          |              | $\vdash$        | $\top$     | 1      |
|          | 49         |  | <del>                                     </del>  |       |            | 99       |  |    |          | 149        | _   _         | 1-     |          |              | $\Box$          | $\neg$     | $\neg$ |
|          | 50         |  |   |       |            | 100      |  |    |          | 150        |               |        |          |              |                 |            |        |
|          |            |  |   |       |            |          |  |    |          |            |               |        |          |              |                 |            |        |